SEP 3 0 2005

Figure 1.

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24 20 Remote Client Storage Staged Code JAVA Code Patch 23 Remote Internetwork Client Patch Tool 21 위 Gateway 16 <del>1</del>3 9 20 20 24 Server Storage Generator Source Server Patch JAVA Code Patch Client Storage Staged Code JAVA Code Patch Patch Tool Client 18 < 22 /

Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE RELEASE STRUCTURE WITH GRANULAR CODE PATCHING Inventor(s): Kenton E. Noble, et al. Docket No. 50277-1955 Replacement Sheet 2 of 13 SEP 9 0 2005 Resource Units JAVA Code Patch Server Storage 18 20 38 Patch Generator Resource Unit Generator 32 Packager 8 Third Party Code JAVA Code Patch Server Storage Derived Code JAVA Derived JAVA Source Source and Non- JAVA Definitions Source Code Code 8/2 33 36 34 35 37 Figure 2. 19



Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE RELEASE STRUCTURE WITH GRANULAR CODE PATCHING Inventor(s): Kenton E. Noble, et al. Docket No. 50277-1955
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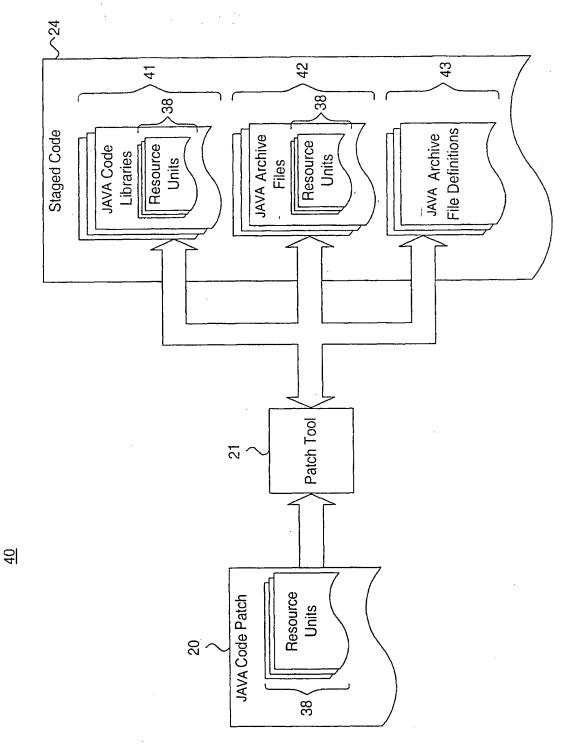


Figure 3.

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Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE RELEASE STRUCTURE WITH GRANULAR CODE PATCHING

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Archive File Staged JAVA Patch (52) 62 stage 61 Patch 9 package) 59 Archive JAVA File JAR) sign Source and Derived 57 Non-JAVA Third Party Code Archive archive and zip archive and zip File (JAR) JAVA 56 55 55 archive and zip 35, 36 55 Derived Code **Build** (51) JAVA archive and zip 20 Figure 4 (Prior Art). compile Source Code

JAVA



Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE RELEASE STRUCTURE WITH GRANULAR CODE PATCHING Inventor(s): Kenton E. Noble, et al. Docket No. 50277-1955
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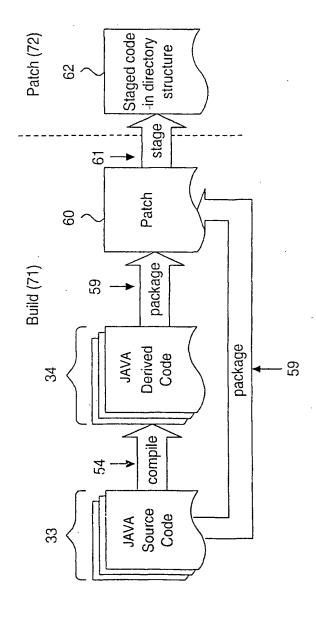


Figure 5 (Prior Art).

2

Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE RELEASE STRUCTURE WITH GRANULAR CODE PATCHING Inventor(s): Kenton E. Noble, et al. Docket No. 50277-1955 Replacement Sheet 6 of 13 SEP 9 0 2005 A THAPE Archive Files JAVA and sign extract Patch (92) 98 Libraries Code JAVA and merge compare 96 **√** 96 Resource Resource ьвскаде Units JAVA Code Patch Ьзскаде Units 20 Build (91) generate) package, generate 95 Resource JAVA Derived Third Party Code Units 34 Code 36 generate generate compile 54 95 Non-JAVA Source and Derived Source Code Code JAVA 35 8 Figure 6.

Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE RELEASE STRUCTURE WITH GRANULAR CODE PATCHING Inventor(s): Kenton E. Noble, et al. Docket No. 50277-1955
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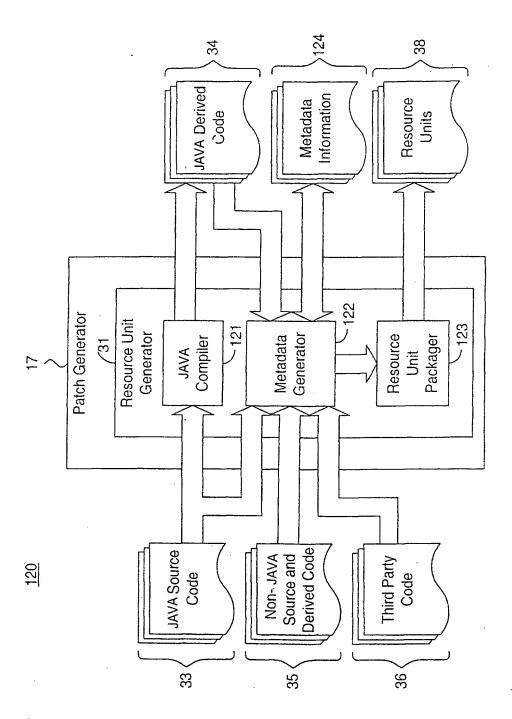


Figure 7.



Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE
RELEASE STRUCTURE WITH GRANULAR CODE PATCHING
Inventor(s): Kenton E. Noble, et al.
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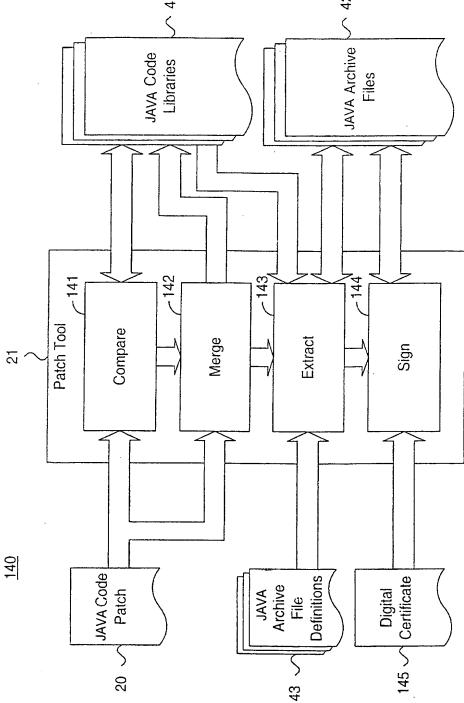


Figure 9.



Figure 10.

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<u>150</u>

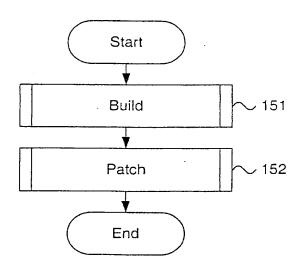
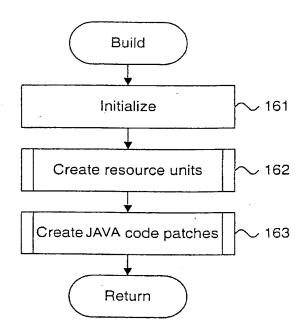


Figure 11.

<u>160</u>





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Figure 12.

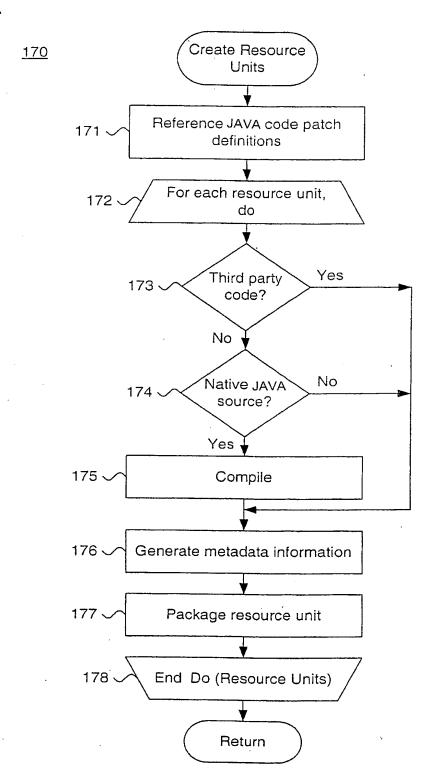




Figure 13.

Title: SYSTEM AND METHOD FOR PROVIDING A JAVA CODE RELEASE STRUCTURE WITH GRANULAR CODE PATCHING

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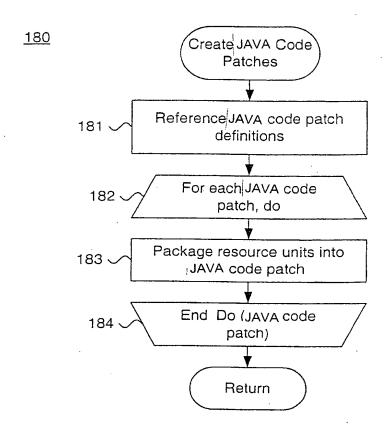


Figure 14.

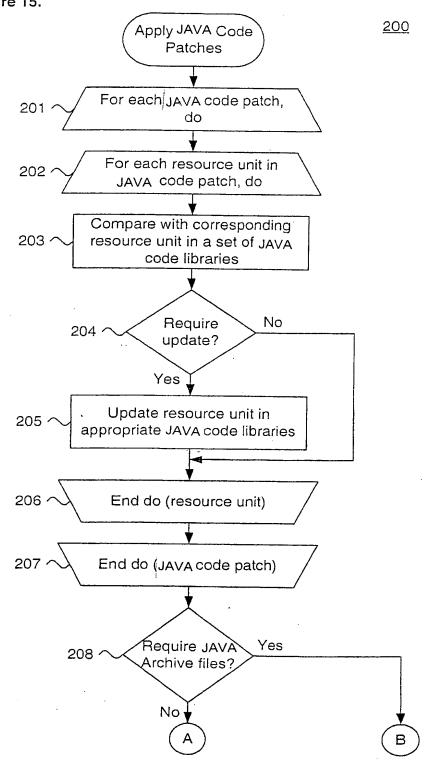
<u>190</u> Patch Initialize 191 Apply JAVA code patches 192 Return



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Figure 15.





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Figure 15 (con'd).

